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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/776,474	02/11/2004	Douglas M. Grover	4492 P	6023

20322 7590 04/05/2007  
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EXAMINER

DADA, BEEMNET W

ART UNIT PAPER NUMBER

2135

SHORTENED STATUTORY PERIOD OF RESPONSE	MAIL DATE	DELIVERY MODE
3 MONTHS	04/05/2007	PAPER

**Please find below and/or attached an Office communication concerning this application or proceeding.**

If NO period for reply is specified above, the maximum statutory period will apply and will expire 6 MONTHS from the mailing date of this communication.

<b>Office Action Summary</b>	Application No. 10/776,474	Applicant(s) GROVER ET AL.	
	Examiner Beemnet W. Dada	Art Unit 2135	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

#### Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

#### Status

- 1) ☒ Responsive to communication(s) filed on 11 February 2004.
- 2a) ☐ This action is FINAL.      2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

#### Disposition of Claims

- 4) ☒ Claim(s) 1-52 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 1-52 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

#### Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on \_\_\_\_\_ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

#### Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All    b) ☐ Some \*    c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
  2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
  3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

\* See the attached detailed Office action for a list of the certified copies not received.

#### Attachment(s)

- |  |   |
|--|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892)  | 4) <input type="checkbox"/> Interview Summary (PTO-413)<br>Paper No(s)/Mail Date. _____ |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948)   | 5) <input type="checkbox"/> Notice of Informal Patent Application                       |
| 3) <input checked="" type="checkbox"/> Information Disclosure Statement(s) (PTO/SB/08)<br>Paper No(s)/Mail Date <u>2/11/04</u> . | 6) <input type="checkbox"/> Other: _____  |

### DETAILED ACTION

1. Claims 1-52 have been examined.

#### ***Claim Rejections - 35 USC § 102***

2. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

3. Claims 1-52 are rejected under 35 U.S.C. 102(b) as being anticipated by Lesenne et al. US 2002/0196159 A1 (hereinafter Lesenne).

4. As per claims 1, 14, 27 and 40, Lesenne teaches a system for encrypting packets on a network comprising:

a plurality of network nodes [figure 1 & paragraph 0068];

a communication channel between said plurality of network Nodes [figure 1 & paragraph 0068];

one or more packets forming packet group sent between said plurality of network nodes over said communication channel [figures 4, 5 and paragraph 0068];

wherein said one or more packets contain an encryption key identifier and a payload (i.e., key identifier KeyID) [paragraphs 0076-0077];

one or more encryption keys stored on one or more of said plurality of network nodes [paragraphs 0074 and 0082]; and

a system for encrypting said payload based on said encryption key identifier and said one or ore encryption keys [paragraphs 0073 and 0162].

5. As per claims 10, 23, 36 and 49, Lesenne teaches a system for decrypting packets on a network comprising:

a plurality of network nodes [figure 1 & paragraph 0068];

a communication channel between said plurality of network nodes [figure 1 & paragraph 0068];

one or more packets forming packet group which are sent between said plurality of network nodes over said communication channel [figures 4, 5 and paragraph 0068];

wherein said one or more packets further comprises an encryption key identifier and a payload (i.e., key identifier KeyID) [paragraphs 0076-0077];

one or more encryption keys stored on one or more of said plurality of network nodes [paragraphs 0074 and 0082]; and

a system for decrypting said payload based on said encryption key identifier and said one or more encryption keys [paragraphs 0080, 0084 and 0159].

6. As per claims 2, 11, 15, 24, 28, 37, 41 and 50, Lesenne further teaches the system wherein said payload is only partially encrypted [paragraph 0162].

7. As per claims 3, 12, 16, 25, 29, 38, 42 and 51, Lesenne further teaches the system wherein said one or more packets contains a destination address (this is an inherent feature present in data packets that are transmitted from one node to another) [see figures 3 and 4].

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8. As per claims 4, 5, 17, 18, 30, 43 and 44, Lesenne further teaches the system wherein said encryption key identifier contains a value indicating "no encryption" [paragraphs 0083-0085].

9. As per claims 6-8, 19-21, 31-34 and 45-47, Lesenne further teaches the system wherein said payload further comprises one or more fields that are used to select said encryption key identifier [paragraphs 0076-0077 and figures 3 and 4].

10. As per claims 9, 13, 22, 26, 35, 39, 48 and 52, Lesenne further teaches the system wherein said communication channel is a network selected from the group consisting of a wireless network, a light frequency network, a power line network, an acoustic network and a wired network [figure 1 & paragraph 0068].

### ***Conclusion***

The prior art made of record and not relied upon is considered pertinent to applicant's disclosure. See PTO Form 892.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Beemnet W. Dada whose telephone number is (571) 272-3847. The examiner can normally be reached on Monday - Friday (9:00 am - 5:30 pm).

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Kim Y. Vu can be reached on (571) 272-3859. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

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Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

Beemnet W. Dada

March 30, 2007



KIM VU  
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